

Title (en)
Multi-analyte affinity column for mycotoxins

Title (de)
Multianalyt-Affinitätssäule für Mykotoxine

Title (fr)
Colonne par affinité multi-analytes pour mycotoxines

Publication
EP 1757349 B1 20091021 (EN)

Application
EP 06002849 A 20060213

Priority
• US 71152405 P 20050826
• US 28315905 A 20051118

Abstract (en)
[origin: EP1757349A1] A multi-analyte column is disclosed. The column may contain at least one unit of resin having ochratoxin specific affinity and, for each unit of resin having ochratoxin specific affinity, the column further contains about 0.95 to 1.05 units of resin containing antibody having specificity for zearalenone, about 1.9 to 2.1 units of resin containing antibody having specificity for aflatoxin, about 2.35 to 2.65 units of resin containing antibody having specificity for fumonisin and about 4.7 to 5.3 units of resin containing antibody having specificity for deoxynivalenol. One unit of resin is the quantity of resin containing antibody that will bind 50 ng of aflatoxin, 500 ng of deoxynivalenol, 3300 ng of fumonisin, 50 ng of ochratoxin or 1140 ng of zearalenone, respectively.

IPC 8 full level
B01D 15/38 (2006.01); **G01N 33/538** (2006.01); **G01N 33/545** (2006.01)

CPC (source: EP US)
B01J 20/28052 (2013.01 - EP US); **B01J 20/3242** (2013.01 - EP US); **G01N 33/538** (2013.01 - EP US); **G01N 30/02** (2013.01 - EP US)

Cited by
CN108107118A; GB2466536A; GB2476525A; US8198032B2

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